

A5855

Leader in Biomolecular Solutions for Life Science



## SUV39H2 Rabbit pAb

Catalog No.: A5855

### Basic Information

**Observed MW**

50kDa

**Calculated MW**

47kDa

**Category**

Polyclonal Antibody

**Applications**

WB,ChIP,ELISA

**Cross-Reactivity**

Human,Mouse,Rat

### Background

Enables S-adenosyl-L-methionine binding activity; histone methyltransferase activity (H3-K9 specific); and zinc ion binding activity. Involved in chromatin assembly or disassembly and chromatin remodeling. Acts upstream of or within cellular response to hypoxia and negative regulation of transcription by RNA polymerase II. Located in chromatin.

### Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**ChIP** 5µg antibody for 10µg-15µg of Chromatin

### Immunogen Information

**Gene ID**

79723

**Swiss Prot**

Q9H5I1

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**

KMT1B; SUV39H2

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

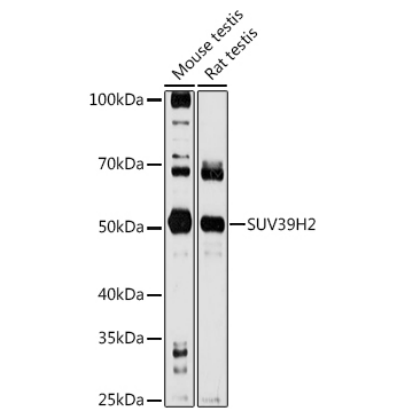
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

### Contact

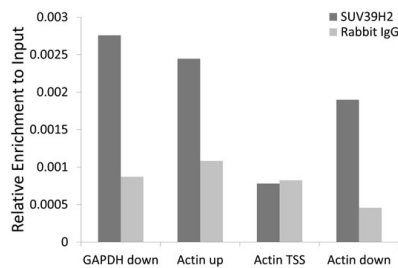


[www.abclonal.com](http://www.abclonal.com)

Validation Data



Western blot analysis of various lysates using SUV39H2 Rabbit pAb (A5855) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Chromatin immunoprecipitation analysis of extracts of 293T cell line, using SUV39H2 antibody (A5855) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.